

SLUMP CONE VERIFICATION PROCEDURE #38

Revised 4/25/2002

Equipment Checked: **SLUMP CONE (AASHTO T 119)(ASTM C 143)**

Purpose:

This method provides instructions for checking the critical dimensions of a slump cone used for measuring the slump of a concrete mix.

Inspection Equipment Required:

1. Measuring Tape, readable to 1/16"
2. 12" Ruler, readable to 1/16"

Tolerance:

The tolerance of the critical dimensions is $\pm 1/8"$.

Procedure:

1. With a ruler, measure the inside diameter of the base of the cone, rotate 90° and measure again.
2. With a ruler, measure the inside diameter of the top of the cone, rotate 90° and measure again.
3. With a measuring tape, measure the distance from the top of the cone to its bottom center.

EQUIPMENT CALIBRATION RECORD

Calibration Procedure No. 38 Slump Cone (AASHTO T 119)

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|--|-----------------------|
| Date: | Calibrated by: |
| Previous Calibration Date: | Next Due: |
| Frequency: Independent Assurance: 12 mo., Acceptance Testing: prior to use on project | |
| Calibration Equipment | Serial Number |
| Ruler, readable to 1/16" | |
| Measuring Tape, readable to 1/16" | |
| Comments: | |

| Cone ID | Base Diameter $8 \pm 1/8"$ | Top Diameter $4 \pm 1/8"$ | Height of Mold $12 \pm 1/8"$ | Repair | Replace | None |
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